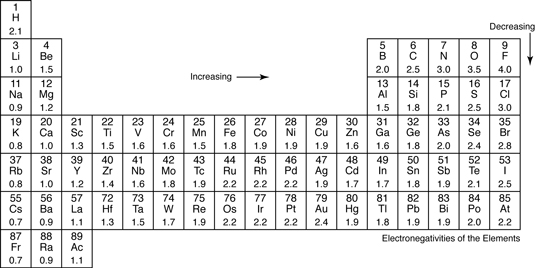
Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_

**Bonding Practice Problems**

**Ionic or Covalent?**

1. Na2O \_\_\_\_\_\_
2. Ca3N2 \_\_\_\_\_\_
3. N2O4 \_\_\_\_\_\_
4. FeBr3 \_\_\_\_\_\_
5. Cr2O3 \_\_\_\_\_\_
6. CH4 \_\_\_\_\_\_
7. N2H4 \_\_\_\_\_\_
8. CO \_\_\_\_\_\_

**Electronegativity Chart**



this number on the bottom is the element’s electronegativity

**Practice Problems**

Determine if each compound below is ionic (I), polar covalent (PC), or nonpolar covalent (NPC).

1. Na2O \_\_\_\_\_\_\_\_\_\_\_
2. N2O4 \_\_\_\_\_\_\_\_\_\_\_
3. CH4 \_\_\_\_\_\_\_\_\_\_\_
4. SiH4 \_\_\_\_\_\_\_\_\_\_\_
5. N2H4 \_\_\_\_\_\_\_\_\_\_
6. KBr \_\_\_\_\_\_\_\_\_\_
7. HCl \_\_\_\_\_\_\_\_\_\_
8. CuF2 \_\_\_\_\_\_\_\_\_\_
9. NH3 \_\_\_\_\_\_\_\_\_\_